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(71) Applicant (for all designated States except US): YALE UNIVERSITY [US/US]; 2 Whitney Avenue, New Haven, CT 06511 (US).

- (72) Inventors; and
- (75) Inventors/Applicants (for US only): CARLSON, John, R. [US/US]; 2 Withney Avenue, New Haven, CT 06511 (US). HALLEM, Elissa, A. [US/US]; 2 Whitney Avenue, New Haven, CT 06511 (US).
- (74) Agents: VEITENHEIMER, Erich, E. et al.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20005 (US).

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(54) Title: IN VIVO ODORANT RECEPTOR SYSTEMS AND THEIR USES

(57) Abstract: The present invention provides *in vivio* materials, systems and methods for the reliable and efficient screening of odorant receptors (ORs), particularly ORs isolated from insects.